

WHAT IS CLAIMED IS:

1. An isolated DNA molecule which encodes an IL-1 antagonist having the amino acid sequence of SEQ ID NO:13.

2. The isolated DNA molecule according to claim 1 comprising the nucleotide sequence of SEQ ID NO:12.

3. A vector comprising the isolated DNA molecule according to claim 1.

4. A host cell transformed with the vector according to claim 3.

5. The host cell according to claim 4, which is a mammalian host cell.

6. A process for producing an <sup>IL-1</sup>~~IL-1~~ antagonist, comprising the steps of:

culturing a host cell according to claim 4 to produce and accumulate the IL-1 antagonist; and recovering the accumulated IL-1 antagonist.

7. A host cell transformed with the isolated DNA molecule according to claim 1.

8. The host cell according to claim 7, which is a mammalian host cell.

9. A process for producing an <sup>IL-1</sup>~~IL-1~~ antagonist, comprising the steps of:

culturing a host cell according to claim 7 to produce and accumulate the IL-1 antagonist; and recovering the accumulated IL-1 antagonist.

10. An isolated DNA molecule which hybridizes with the probe having the sequence of SEQ ID NO:1.

11. A vector comprising the isolated DNA molecule according to claim 10.

12. A host cell transformed with the vector according to claim 11.